



INFORMATION DISCLOSURE  
STATEMENT  
IN AN APPLICATION  
(Use several sheets if necessary)

Docket Number:	1023-229US01		Application Number:
Applicant: Jeffrey M. Sieracki; Richard B. North			10/696,778
Filing Date:	October 29, 2003		Group Art Unit:
Examiner Name: Unknown			3762

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate
DR	5,370,672	12/06/1994	Fowler et al.	
DR	5,938,690	08/17/1999	Law et al.	
DR	6,052,624	04/18/2000	Mann	
DR	6,308,102	10/23/2001	Sieracki et al.	
DR	2002/0116036	08/22/2002	Daignault, Jr. et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
DR	0 811 395	12/10/1997	EPO		

## OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)

DR	Fowler, K.R., "Neurological Stimulation System", Proceedings AAMI 21 <sup>st</sup> Annual Meeting, Apr. 12-16, p. 27, 1986.
DR	Fowler, K. R., North, R.B.: "Patient-interactive PC interface to implanted, multichannel stimulators," Proceedings of 39 <sup>th</sup> Annual Conference on Engineering in Medicine and Biology, p. 380, 1986.
DR	North, R.B., Fowler, K.R., "Computer-controlled, patient-interactive, multichannel, implanted neurological stimulators," Applied Neurophysiology, 50:39-41, 1987.
DR	North, R.B., Nigrin, D.J., Szymanski, R.E., Fowler, K.R., "Computer-controlled, multichannel, implanted neurological stimulation system: Clinical assessment," Pain (Suppl.), 5:S83, 1990.
DR	Fowler, K.R., North, R.B., "Computer-optimized neurological stimulation," Proc. Ann. Internat. Conf. IEEE Engineering Medicine and Biology Soc., 13:1692-1693, 1991.
DR	Fowler, K.R., North, R.B., "Computer-optimized neurostimulation," APL Technical Digest, 12:192-197, 1991.
DR	North, R.B., et al., "Spinal cord stimulation for chronic intractable pain: superiority of 'multi-channel' devices," Pain, V44, pp. 119-130, 1991.
DR	North, R.B., Fowler, K.R., "Computer-controlled, patient-interactive neurological stimulation system," (Abstract) Acta Neurochir, 117:90, 1992.

## EXAMINER

## Date Considered

11/23/05

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<b>Form 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)		Docket Number: 1023-229US01	Application Number: 10/696,778	
		Applicant: Jeffrey M. Sieracki; Richard B. North		
		Filing Date: October 29, 2003	Group Art Unit: 3762	
		Examiner Name: Unknown		
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<b>FOREIGN PATENT DOCUMENTS</b>				
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				Yes
<b>OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)</b>				
DR	North, R.B., Fowler, K.R., Nigrin, D.A., Szymanski, R.E., "Patient interactive, computer-controlled neurological stimulation system: Clinical efficacy in spinal cord stimulator adjustment," Journal of Neurosurgery, 76:967-972, 1992.			
DR	North, R.B., Fowler, K.R., Nigrin, D.A., Szymanski, R.E., Piantadosi, S., "Automated 'pain drawing' analysis by computer-controlled, patient-interactive neurological stimulation system," Pain, 50:51-57, 1992.			
DR	North, R.B., "Spinal Cord Stimulation for Chronic Intractable Pain," Electrical and Magnetic Stimulation of the Brain and Spinal Cord, pp. 289-301, 1993.			
DR	North, R.B., "The Role of Spinal Cord Stimulation in Contemporary Pain Management," APS Journal, vol. 2, No. 2, pp. 91-99, 1993.			
DR	North, R. B., Kidd, D. H., Zahurak, M., James, C. S., Long, D. M., "Spinal cord stimulation for chronic, intractable pain: Experience over two decades," Neurosurgery, 32:384-395, 1993.			
DR	North, R.B., Fowler, K.R., "Patient-interactive, microprocessor-controlled neurological stimulation system" (abstract), Stereotactic and Functional Neurosurgery, 62:309-315, 1994.			
DR	North, R. B., Levy, R. M., "Consensus conference on the neurosurgical management of pain," Neurosurgery, 34:756-761, 1994.			
DR	North, R. B., Kidd, D. H., Lee, M. S., Piantadosi, S., "A prospective, randomized study of spinal cord stimulation versus reoperation for the failed back surgery syndrom," Stereotactic and Functional Neurosurgery, 62:267-272, 1994.			
<b>EXAMINER</b>  		<b>Date Considered</b>  11/23/05		
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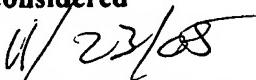
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**OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)**

DR	North, R.B., et al., "Spinal Cord Stimulation For Chronic Pain," Functional Neurosurgery, vol. 6, No. 1, pp. 145-155, Jan. 1995.
DR	North, R.B., Cutchis, P., "Spinal cord stimulation for chronic intractable pain," Spinal Cord Stimulation II, pp. 49-63, Darmstadt, Steinkopff, 1995.
DR	North, R.B., McNamee, P., Wu, L., Piantadosi,S., "Artificial neural networks: Application to electrical stimulation of the human nervous system," (abstract) Stereotactic and Functional Neurosurgery, 65:161, 1995.
DR	North, R. B., Kidd, D. H., Wimberly, R. L., Edwin, D., "Prognostic value of psychological testing in spinal cord stimulation patients: A prospective study," Neurosurgery, 39:301-311, 1996.
DR	North, R. B., Kidd, D. H., Zahrak, M., Piantadosi, S., "Specificity of diagnostic nerve blocks: A prospective, randomized study of sciatica due to lumbosacral spine disease," Pain, 65:77-85, 1996.
DR	North, R.B., McNamee, P., Wu,L., Piantadosi, S., "Artificial neural networks: Application to electrical stimulation of the human nervous system," Neurosurgical Focus, 2(1:1):1-5, 1997.
DR	Alo, K. M. et al., "Computer Assisted and Patient Interactive Programming of Dual Octrode Spinal Cord Stimulation in the Treatment of Chronic Pain," Neuromodulation, vol. 1, No. 1, pp. 30-45, 1998.
DR	North, R.B., Sieracki, J.N., Fowler, K.R., Alvarez, B., Cutchis, P.N., "Patient-interactive, microprocessor-controlled neurological stimulation system," Neuromodulation, 1(4):185-193, 1998.

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DR	Khalessi, A. A., Taylor, R. S., Brigham, D. D., North, R. B., "Automated, patient-interactive spinal cord stimulator adjustment: A cost-minimization analysis," Neurosurgery, 53:501-502, 2003.
DR	North, R. B., Calkins, S. K., Campbell, D. S., Sieracki, J. M., Piantadosi, S. A., Daly, M. J., Dey, P. B., Barolat, G., "Automated, patient-interactive spinal cord stimulator adjustment: A randomized, controlled trial," Neurosurgery 52:572-580, 2003.
DR	U.S. Patent Application Serial Number 10/696,501, entitled "Implantable Neurostimulator Programming with Battery Longevity Indication", filed October 29, 2003, Richard B. North, Kim R. Fowler, Jeffrey M. Sieracki, David D. Brigham.
DR	U.S. Patent Application Serial Number 10/696,781, entitled "Neurostimulation Therapy Manipulation", filed October 29, 2003, Richard B. North, Jeffrey M. Sieracki.
DR	U.S. Patent Application Serial Number 10/696,725, entitled "Failsafe Programming of Implantable Medical Devices", filed October 29, 2003, Richard B. North, Jeffrey M. Sieracki.
DR	U.S. Patent Application Serial Number 10/696,494, entitled "Distributed System for Neurostimulation Therapy Programming", filed October 29, 2003, Richard B. North, Kim R. Fowler, Jeffrey M. Sieracki.
DR	U.S. Patent Application Serial Number 10/696,491, entitled "Body Region Indication", filed October 29, 2003, Richard B. North, Jeffrey M. Sieracki.
DR	PCT International Search Report for PCT/US03/34170, mailed March 29, 2004.

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